

# N I C O {0,0} A N D R U Z Z I

Full-Stack Developer / UX-UI Designer / Electro-Mechanical Engineer

## { SKILLS }

### Core

JavaScript  
HTML / CSS  
jQuery / AJAX  
AngularJS  
Node.js / Express  
PostgreSQL  
Raspberry Pi / Arduino  
Electrical / Circuit Design  
Mechanical / 3D Design

### Familiar

React / Flux / Redux  
Swift / Objective-C  
Java / C# / Python  
Ruby / Rails  
MongoDB / MySQL

## { TOOLS }

OS X / Linux / Terminal  
Git / GitHub  
FTP / SSH  
SASS / LESS / Stylus  
Bootstrap  
Jasmine / Mocha  
Gulp / Grunt  
Webpack / Browserify  
NPM / Bower  
Heroku / Firebase  
WebSockets / Socket.IO  
OAuth / Web Tokens

## { TECHNIQUES }

Test Driven Development  
Pair Programming  
OOP / FP  
RESTful Services  
Responsive Design  
Lean / Agile / Scrum  
Rapid Prototyping  
Version Control

## { PROJECTS }

### The Score Boar ::: ( TheScoreBoar.com )

Node.js / Express / AngularJS / Custom API / WebSockets / Raspberry Pis / Electro-Mechanical Components  
A robust 'internet of things' project that connects the beloved Galvanize ping-pong table to The Score Boar website. It implements customized circuitry, which is attached to the table via custom designed, laser-cut mounts. A Raspberry Pi controls the circuitry and runs a Node app that communicates with a custom built API. An Angular front-end interface then renders the data from the Express back-end in real time, utilizing Socket.IO.

### Night Owl Nico ::: ( NightOwlNico.com )

Node.js / Express / AngularJS / PostgreSQL / SASS / Bootstrap / Heroku  
A place where I creatively express myself and constantly experiment with different concepts and ideas. Here you can find links to all of my latest projects (and their GitHub repositories) along with more information about myself.

## { EXPERIENCE }

### Cognizant Quick Left - Agile Development Program ::: ( July 2016 - Aug 2016 )

Worked on production code while utilizing Lean/Agile methodologies and advanced GitHub practices

### Speaker - BoulderCODE+ ::: ( May 14, 2016 )

One of four presenters at the BoulderCODE+ Meetup

### Main Speaker / Workshop Facilitator - NodeBots ::: ( Jan 14, 2016 )

Sole presenter at the NodeBots Meetup, followed by running a hands on workshop involving the topics I covered

### Lead Project Manager / Electro-Mechanical Engineer - INRange Systems ::: ( 2013 - 2015 )

- Managed three MEs, four EEs, and two plastics specialists from various locations and organizations.
- Utilized the combined knowledge of the design team to bring the second generation of the Electronic Medication Management Assistant (EMMA) from its prototype concept phase through to its production and validation.
- Reduced the BOM's cost by 65% while also increasing product reliability and usability.
- Worked hands-on with the senior production assemblers in testing electrical configurations and mechanical assemblies, while identifying any potential problems as well as preemptive solutions.

### CAD Drafter / Intern - INRange Systems ::: ( 2012 - 2013 )

Operated and designed parts for the Fortus 250 (3D Printer) for efficient prototyping and testing

## { EDUCATION }

### Universal Mind - UX/UI Course ::: ( Mar 2016 - May 2016 )

UX & UI Design / Research / Analysis / Synthesis / Wireframing / Prototyping / Adobe CS / Sketch / InVision / Flinto

### Galvanize - Full Stack Immersive - MEAN Stack ::: ( Nov 2015 - Apr 2016 )

Computer Science Fundamentals / 1,000+ Hours of Javascript / Group Collaboration / Hackathons / Meetups

### MotorHeads in Germany - Frankfurt / Stuttgart / Munich ::: ( 2011 )

Programmable Logic Controllers / Factory Production / Quality Control / BMW / Mercedes-Benz / John Deere

### Penn State - B.S. Electro-Mechanical Engineering ::: ( 2008 - 2013 )

Electrical Engineering / Mechanical Engineering / Robotics / Creative Problem Solving / Teamwork / Leadership

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